

JAN. 3. 2003 6:39PM

LADAS & PARRY 212 246 8959

NO. 4574 P. 22

Sheet 1 of 2

FORM PTO-1449

U. S DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

SERIAL NO.

U 011573-2

10/010,440

APPLICANT

Kari KIRJAVAINEN, et al.

FILING DATE

GROUP

November 8, 2001

3754

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER					DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
SA	AA	3	4	2	5	4	5	Kilpert, et al.	138	143	
SA	AB	4	6	4	0	3	1	Stanley	138	141	
SA	AC	4	7	8	3	8	1	Hamada et al.	381	71	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
							YES	NO
	AB	7 4 0 7 0 4 3	9/1975	GB			X	
NO Copies received. 3/14/06	AE	0 0 4 6 5 2 2	3/1982	EP			X	
	AF	5 9 3 8 1 5	11/1988	AU			X	
	AG	2 2 1 8 7 7 3	11/1989	GB			X	
	AH	4 0 3 9 7 5 7	4/1992	DE			X	
	AI	0 3 5 3 9 7 7	2/1990	EP			X	
	AJ	0 0 2 4 2 2 0	2/1981	EP			X	
	AK	0 5 8 1 2 0 8	2/1984	EP			X	
	AL	3 5 1 1 3 7 1	10/1986	DE			X	
	AM	2 7 2 5 2 2 4	12/1978	DE			X	
	AN	0 0 3 3 0 2 5	11/1983	EP			X	
	AO	4 6 2 7 6 2	8/1990	SE			X	
	AP	5 7 9 1 8 4	6/1993	DE			X	
	AQ	0 1 1 1 1 0 9	6/1984	EP			X	

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

AR	
AS	
AT	

EXAMINER

James E. Hall

DATE CONSIDERED

3/14/06

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NO. 4574 P. 23

Sheet 2 of 2

FORM PTO-1449

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AA						
AB						
AC						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
						YES	NO
AD	5 2 0 3 8 7 0	11/1993	JP				X
AE	7 9 1 5 8 8	4/1995	JP				X
AF	5 4 1 5 0 4 8 6	11/1979	JP				X
AG	4 2 8 2 1 8 8	9/1992	JP				X
AH	4 5 0 4 4 5 8	8/1992	JP				X
AI	3 1 4 3 9 2	2/1991	JP				X
AJ	1 0 5 1 1 6 1 9	11/1998	JP				X
AK	5 8 1 6 8 3 1	1/1983	JP				X
AL	5 2 2 0 7 3 9	8/1993	JP				X
AM	6 2 4 9 8 6	1/1987	JP				X

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

AN	Partial Translation of JP 5-200070/93 dated November 9, 1990
AO	Partial Translation of JP 7-91588 dated April 4, 1995
AP	English translation of the title of JP 54-150480 dated November 28, 1979
AQ	English translation of the title of 4-262188 dated September 17, 1992
AR	English translation of the title of 4-504455 dated August 6, 1992
AS	English translation of the title of 3-14392 dated February 13, 1991
AT	Partial Translation of JP 5B-16831 dated January 31, 1983
AU	Partial Translation of JP 5-220739 dated August 31, 1993
AV	Partial Translation of JP 62-4900 dated January 10, 1987

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Sheet 1 of 2

FORM PTO-1449

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Kari KIRJAVAINEN, et al.	
FILING DATE	GROUP
November 8, 2001	3754

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
AA	3 4 2 5 4 5 5	2/1989	Kilpert et al.	190	140	
AB						
AC						
AD						
AE						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
						YES NO
AF	0 9 9 0 0 7 7 9	4/1994	EP			X
AG	2 0 5 1 3 9 0	4/1972	DE			X
AH	1 4 5 4 7 8 2	5/1969	DE			X
AI	3 9 2 0 4 5	9/1986	CH			X
AJ	5 6 8 1 4 8	10/1975	CH			X
AK	0 4 1 0 6 0 3	1/1991	EP			X
AL	8 4 8 4 2 3	9/1960	GB			X
AM	8 4 0 1 9 2 0	5/1984	WO			X
AN	0 4 7 2 4 1 8	2/1992	EP			X

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

AO	Patent Abstracts of Japan of JP 58-27040 dated February 17, 1983
AP	Richard, K., et al. "Verfestigte Rohre aus Ziegler-Polyathylen" Kunststoffe. Vol. 50, No. 7, p. 371-375, (1960)
AQ	Derwent's abstract no. 93-079947 of JP 50 024109 dated February 2, 1993
AR	Derwent's abstract no. 89-175306 of JP 11 14410 dated January 14, 1986

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Form PTO-1449 6-4

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Sheet 2 of 2

FORM PTO-1449

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ATTY. DOCKET NO. SERIAL NO.

U 011573-2 10/010,440

APPLICANT

Kari KIRJAVAINEN, et al.

FILING DATE GROUP

November 8, 2001 3754

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
JH	AA	3 3 1 4 1 0 8	4/1967	M. Wienand et al.	18	12	
JH	AB	5 3 8 7 3 8 6	2/1995	Kirjavainen	264	173	
AC							
AD							
AE							
AF							
AG							
AH							
AI							
AJ							
AK							

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
						YES	NO
	AL	1 0 9 2 1 8 6	11/1980	DE			X
	AM	3 7 2 2 1 4	3/1993	DE			X
	AN	0 1 6 3 7 1 5	9/1995	EP			X
	AO						
	AP						

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

AR	Derwent's Abstract no. 88-291009/41 of SU 1384-394 dated January 14, 1986
AS	
AT	

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